

Application No.: 10/709,087
Examiner: Beauchaine, Mark J
Art Unit: 3653

Applicant: International Currency Technologies Corp.

IN THE SPECIFICATION

Please amend the following paragraphs as follows.

[0032] The outlet-adjusting device 5 has a directing element 51, an ejecting element 52 and a lid 53. The directing element 51 comprises a directing flange 511 on a side thereof and a plurality of gearing members 512 on another side thereof. The directing element 51 comprises an adjusting member 513 positioned on a top thereof. The ejecting element 52 comprises a rotating set 521 comprising a plurality of adjusting elements 5211 at a side thereof and an axial member 5212 on another side thereof, wherein the rotating set 521 is rotated by the axial member 5212. The rotating set 521 comprises a resilient element 5213 on a bottom thereof, which is adapted for restoring the position of the rotating set 521. ~~A The rotating set 521 comprises a rotating member 522, which is rotationally set on the rotating set 521. The rotating member 522 comprises a plurality of resilient member 5221, each of the resilient member 5221 has a stop member 5222 formed thereon.~~ Furthermore, the lid 53 is disposed covering a top of the directing element 51 and the ejecting element 52. The lid 53 comprises an adjusting hole 531.

[0033] The directing element 51 of the outlet-adjusting device 5 can be biased to a suitable position in the positioning member 43 according to the size of the dispensing coin. Accordingly, the coin outlet 42 of the chassis 4 is capable of dispensing coins of various sizes. The rotating plate 2 is positioned axially within the outlet 14 at the bottom of the space 11 of the coin collector 1. The bottom of the rotating plate 2 is jointed to the driving mechanism 32 of the motor device 3. The motor 31 is adapted for activating the driving mechanism 32 for rotating the rotating plate 2 within the outlet 14. When the coin enters into the space 11 of the coin collector 1, the rotating plate 2

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positioned within the outlet 14 starts to rotate to roll the coins stored within the space 11. Thereafter, the resilient element 12 begins to stir the coins to facilitate the coins to fall one by one into the coin positioning holes 211 of the rotating plate 2. Meanwhile, the supporting element 212 positioned under the rotating plate 2 pushes the coin towards the coin outlet 42 so that the supporting element 212 of the rotating plate 2 spins out the coins under the gravitational force and thus the coins are dispensed.

[0034] The chassis 4 comprises a sensor 45 positioned at the side thereof apart from the coin outlet 42 for detecting the status of dispensing coins.

[0035] Referring to Figs. 3, 4, 5 and 6, ~~an elevational view and an exploded view of the chassis, and a top view showing before adjusting the position of the directing member and a top view showing when the directing element is biasing a sector according to an embodiment of the present invention.~~ Before before dispensing the coin, the directing element 51 of the outlet-adjusting device 5 on the chassis 4 is capable of adjusting the biasing angle of the directing flange 511 according to the size of the coin by pulling the adjustment member 513 protruding from the adjusting hole 531 of the lid 53 to release the directing element 51 from the positioning member 43 to adjust the biasing angle of the directing flange 511 of the directing member 5 so as to lead the coin towards the coin outlet 42, and the directing element 51 is positioned back into the positioning member 43 and the gearing member 512 of the directing element 51 is positioned into the positioning groove 431 of the positioning member 43 as shown in Figs. 6, 7, 8 and 9. And, when the rotating plate 2 pushes the coin towards the coin outlet 42, the rotating plate 2 spins out the coin under the gravitational force whereby the coin bumps the directing flange 511 of the directing element 51 and the coin is dispensed out of the coin

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outlet 42. Thus, the directing flange 511 can be adapted for leading the coin out of the coin outlet 42.

[0036] As the rotating plate 2 rotates, the supporting element 212 positioned at the bottom surface of the rotating plate 2 pushes the coin towards the coin outlet 42. Before the coin is dispensed out of the coin outlet 42, the coin touches the stop member 5222 of the ejecting element 52, and the stop member 5222 shakes ~~due~~ side-to-side when the coin touches it and by the elasticity of the resilient member 5221 the coin can be pushed towards the adjusting elements 5211 to push the adjusting elements 5211 in order to adjust the position thereof within the adjusting groove 44 of the chassis 4. And, the rotating set 521 positioned under the adjusting element 5211 restores the position of adjusting element 5211 due to the elasticity of the resilient element 5213, and the restoration force of the adjusting element 5211 can substantially eject out the coin out from the coin outlet 42.